

Massachusetts Institute of Technology
One Cambridge Center, Kendall Square
Room NE18-501
Cambridge, MA 02142-1601

MIT
Technical Licensing Office

To: Director of U.S.P.T.O
Attention: Michael
From: Maureen Joyce
Patent Administration Mgr.
Fax: 571.273.8300 6500 Pages: 41
Phone: 617.253.6966 Date:
Re: U.S. Patents cc:

 Urgent For Review Please Comment Please Reply Please Recycle

● Comments:

Dear Michael,

Entity documents and supplemental payment documents follow

Thank you.

Andrea Barry

Patent Liaison

Massachusetts Institute of Technology
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06/07/2012 MBANGURA 08888824 7449188
01 FC:1599 565.00 OP

06/07/2012 MBANGURA 08888823 7444987
01 FC:1599 565.00 OP

06/07/2012 MBANGURA 08888822 7458888
01 FC:1599 565.00 OP

06/07/2012 MBANGURA 08888821 7411331
01 FC:1599 565.00 OP

06/07/2012 MBANGURA 08888820 7425368
01 FC:1599 565.00 OP

06/07/2012 MBANGURA 08888819 6148668
01 FC:1599 2365.00 OP
06/07/2012 MBANGURA 08888818 7429735
01 FC:1599 565.00 OP

06/07/2012 MBANGURA 08888817 7394894
01 FC:1599 565.00 OP

06/07/2012 MBANGURA 08888813 7424181
01 FC:1599 565.00 OP

06/07/2012 MBANGURA 08888814 7436221
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06/07/2012 MBANGURA 08888815 7442501
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06/07/2012 MBANGURA 08888816 7432638
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Entity Audit Jan -April 2012 & May 2012 supplemental fees

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|----|-----|---------|-----------|-------------|---------|-------------|---|-------------|--|
| US | CIP | Granted | 11/041350 | 24-Jan-2005 | 7424181 | 09-Sep-2008 | X | 31-Aug-2025 | Please supplement the 4th year maintenance fee paid on March 9, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 22, 2012. Please charge the additional amount of \$565.00 to reflect payment as large entity status. |
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| US | ORD | Granted | 11/376722 | 15-Mar-2006 | 7429735 | 30-Sep-2008 | X | 09-Apr-2026 | Please supplement the 4th year maintenance fee paid on March 30, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 22, 2012. Please charge the additional amount of \$565.00 to reflect payment as large entity status. |
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| US | PRI | Granted | 09/274601 | 23-Mar-1999 | 6140660 | 31-Oct-2000 | X | 23-Mar-2019 | Please supplement the 12th year maintenance fee paid on April 30, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 22, 2012. Please charge the additional amount of \$2,365.00 to reflect payment as large entity status. |
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| US | ORD | Granted | 11/179102 | 12-Jul-2005 | 7425368 | 16-Sep-2008 | X | 25-Sep-2026 | Please supplement the 4th year maintenance fee paid on March 16, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 22, 2012. Please charge the additional amount of \$565.00 to reflect payment as large entity status. |
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| US | PRI | Granted | 11/320316 | 29-Dec-2005 | 7394094 | 01-Jul-2008 | 12-Jul-2026 | Please supplement the 4th year maintenance fee paid on January 3, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 22, 2012. Please charge the additional amount of \$565.00 to reflect payment as large entity status. |
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| US | ORD | Granted | 11/256632 | 21-Oct-2005 | 7436221 | 14-Oct-2008 | 21-Oct-2025 | Please supplement the 4th year maintenance fee paid on April 16, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 22, 2012. Please charge the additional amount of \$565.00 to reflect payment for large entity status. |
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| US | ORD | Granted | 10/347470 | 17-Jan-2003 | 7442501 | 28-Oct-2008 | 09-Jul-2023 | Please supplement the 4th year maintenance fee paid on April 30, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 22, 2012. Please charge the additional amount of \$565.00 to reflect payment for large entity status. |
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| US | DIV | Granted | 11/781526 | 23-Jul-2007 | 7432630 | 07-Oct-2008 | 13-Jun-2022 | Please supplement the 4th year maintenance fee paid on April 9, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 22, 2012. Please charge the additional amount of \$565.00 to reflect payment for large entity status. |
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| US | ORD | Granted | 10/29/2017 | 08-Nov-2002 | 7411331 | 12-Aug-2008 | 08-Nov-2022 | Please supplement the 4th year maintenance fee paid on February 13, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 22, 2012. Please charge the additional amount of \$565.00 to reflect payment for large entity status. |
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| US | CON | Granted | 11/372643 | 10-Mar-2006 | 7450800 | 11-Nov-2008 | 20-Nov-2024 | Please supplement the 4th year maintenance fee paid on May 11, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 11, 2012. Please charge the additional amount of \$565.00 to reflect payment for large entity status. |
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|----|-----|---------|------------|-------------|---------|-------------|-------------|--|
| US | ORD | Granted | 10/30/2009 | 02-Dec-2002 | 6812495 | 02-Nov-2004 | 02-Dec-2022 | Please supplement the 8th year maintenance fee paid on May 2, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 11, 2012. Please charge the additional amount of \$1,425.00 to reflect payment as large entity status. |
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| US | CON | Granted | 11/229755 | 19-Sep-2005 | 7444987 | 04-Nov-2008 | 19-Dec-2024 | Please supplement the 4th year maintenance fee paid on May 4, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 11, 2012. Please charge the additional amount of \$565.00 to reflect payment as large entity status. |
|----|-----|---------|-----------|-------------|---------|-------------|-------------|---|
| US | PRI | Granted | 09/778200 | 06-Feb-2001 | 7449180 | 11-Nov-2008 | 06-Feb-2021 | Please supplement the 4th year maintenance fee paid on May 11, 2012 to reflect a large entity payment as the entity size was officially changed via the attached fax filing of May 11, 2012. Please charge the additional amount of \$565.00 to reflect payment as large entity status. |

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MAY 11 2012

MIT Case Number: 8813

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Massachusetts Institute of Technology

Serial Number: 09/778,200

Filing Date: February 6, 2001

Patent Number: 7,449,180

Issue Date: November 11, 2008

Title: MACROSCOPIC SCAFFOLD CONTAINING AMPHIPHILIC PEPTIDES
ENCAPSULATING CELLS

4th Year Maintenance Fee:

NOTIFICATION OF LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS

Director of the United States Patent and Trademark Office

Attention: Maintenance Fee

2051 Jamieson Avenue, Suite 300

Alexandria, VA 22314

Via Facsimile: 571.273.6500

Dear Sir:

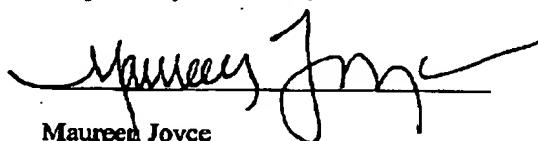
I hereby state that I am an official of Applicant to act on behalf of the concern identified below:

Massachusetts Institute of Technology (MIT)

I hereby notify the United States Patent and Trademark Office that the above referenced patent is no longer entitled to status as a small entity, and that the claim for small entity status filed previously by the Applicant is hereby withdrawn.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.

Respectfully Submitted,



Maureen Joyce

Manager, Patent Administration

Massachusetts Institute of Technology

One Cambridge Center, Kendall Square

Room NE18-501

Cambridge, Massachusetts 02142-1493 80000000 7449180

Submitted:

01 FC:1559

565.00 OP

Adjustment date: 08/10/2012 CKHLOK
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MAY 11 2012

PTO/SB/96 (07-09)

Approved for use through 07/31/2012. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Massachusetts Institute of Technology (M.I.T.)

Application No./Patent No.: 7449180 Filed/Issue Date: 11-Nov-2008

Titled: MACROSCOPIC SCAFFOLD CONTAINING AMPHIPHILIC PEPTIDES ENCAPSULATING CELLS

M.I.T. a University

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest in;
2. an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or
3. the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made) the patent application/patent identified above, by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 021643, Frame 0572, or for which a copy therefore is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

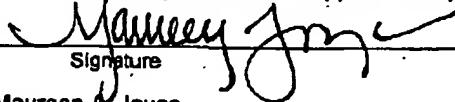
3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet(s).

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

Maureen A. Joyce

Printed or Typed Name

May 9, 2012

Date

Manager of Patent Adminis...

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.